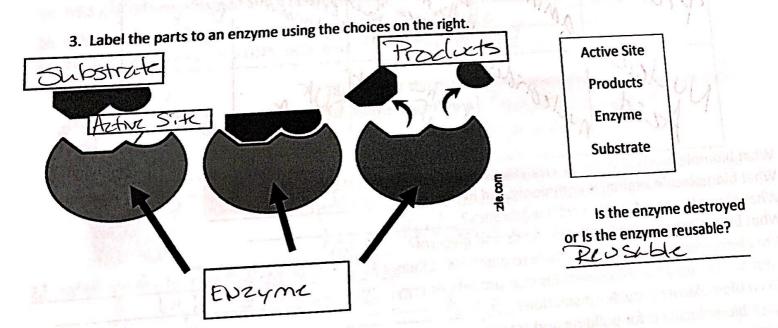
## B.A.T. (<u>B</u>e <u>A</u>ble <u>T</u>o) Review Name: Period: 1. Label the Rate of Reaction vs. Temperature graph using the choices on the right. aphinum temporation optimum temperature Rate 1 ACKES Rapidle temperature (°C) rate talls rapidly after about 40°C rate increases rate 10 20 Temporation Rate of Enzyme Action 2. Answer the questions about the graph on the right. 2.5 What is the optimum pH level for Pepsin? What is the optimum pH level for Trypsin? b. What is the reaction range for pepsin? What is the reaction range for trypsin? d. Will pepsin denature at a pH range of 7-13? Yes e. Will trypsin denature at a pH range of 7-13? 6 7 8 9 10 11 12 13 14 f. pH





B.A.T. (Be Able To) Review TEST

Welshesh

Name:

Period: \_\_\_\_

## Biochemistry: Unit 2

## 1. Fill in the chart below:

Name of Biomolecule	Monomer What it's made of	Function	Example	Foods
	Sucharide	Nicker or white of	Starch glycogen us Cellulosse	renetables fruit ginns
Lipid	ayue al	Longtum Dreay store	Off Sof ward	But 10.
PIOTUIN	anino aci	Build & suspended	enermores	
Nullih	nulleotides	guitic matri	DUKA	herey.

2.	What biomolecule is also called a polysaccharide?
3.	What biomolecule examples commonly end in -ose?
4.	What biomolecule is found in cell membranes?
5.	What biomolecule is made of Fatty Acids and glycerol?
6.	What biomolecule provides structure to plants as cellulose?
7.	What are the only two biomolecules that provide energy? Carbonydout ! lipid
8.	Which biomolecule provides insulation? \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
9.	Which biomolecule is for building and transport of molecules? Pestern
10.	What biomolecule is also called a polypeptide?

The right.	
1. Fill in the missing bases	
Si CIICIO ANA mirali and	
3. What type of bond holds these bases together?	
4. How many nucleotides are in this image of DNA?   [G]  [G]  [G]  [G]  [G]  [G]  [G]  [G	
" there was 26% Adenine how much thymine would those he?	
6. If there was 20% guanine, how much Cytosine would be present?	
204	
7. If there was 14% guanine and cytosine, how much thymine would there be? (show your math)	
14+14=28% 100%-28%=72% 72%:2=86% T)	
8. If there was 44% thymine and adenine, how much guanine would there be? (show your math)	
44+44=88 100-88=12 12=2=(6%)	
9. Traits are determined by the genetic code, what part of the DNA actually carries the code?	
10. What is the direction that DNA?	
111: What is the formation of QNA?	
12. Write the complimentary bases for the following strands:	
STABGECCIGTAGGGG3' 3'ANTIKTGGGATLECATTGS'	
and their specific traits?	
13. What determines what an organism is and their specific traits?	
The William bases have the same DNA molecular parts?	
14. (VES) NO) Does a human and potato have the same DNA molecular parts?	
15. (YES /NO) Does a human and a potato have the same nitrogenous base sequence within their DNA?	
16. What is the monomer of a DNA molecule? Nucliotide	
17. What is the polymer of a DNA molecule? Nulcic And	
18. What is the name of this structure? Nucleofide	
19. Name structure A Phisphate group	
19. Name structure A Market Structure A	
20. Name structure B Dedy have Sugar	
21. Name structure C Wargenous base	1
21. Name structure C 10 14 25 1805 Exercise Aziz	X
23. Which part of this structure carries the genetic code	
25. Willelf But Co.	
C-Nixogenous Base	
22. What are the four bases possible on a DNA nucleotide?	
$\Delta$	_
the same proportion of the same and the same	